

KINGSWOOD URBAN DISTRICT COUNCIL.

R E P O R T S

of

the MEDICAL OFFICER of HEALTH

and

SANITARY INSPECTOR,

for the year 1909.

ANNUAL REPORT of the MEDICAL OFFICER of HEALTH to
the KINGSWOOD URBAN DISTRICT COUNCIL of the
SANITARY STATE of the DISTRICT under their
control for the year 1909.

Gentlemen,

I have the honor of submitting my Annual Report
for the year 1909.

General
Health.

The General Health of the District during the year
has been very satisfactory especially when taking into
consideration the abnormal rain-fall and the consequently
small amount of sunshine. The rainfall for the year in
the District was 34.21, the average for the last 22 years
was 32.46, and in 1908 it was 25.42.

The District has been singularly free from Infectious
disease, being less than in any previous year on record,
the actual number of cases was 24. Bearing in mind the
continual intercourse the majority of our inhabitants
have with the City of Bristol it proves what a favorable
position like ours will do to diminish the spread of
Infectious disease. The only Infectious disease, namely,
Measles (which I regret is not notifiable), of which there
were many cases in May and which occurred in an epidemic
form in July just before the closing of the Schools in
Hanham for the holidays, again appeared in greater numbers
after the holidays in the Hanham National Schools so that
I considered ^{if advisable} to close the Schools in October for 3 weeks.

Sewage and
Drainage.

The Sewage Scheme for the Warmley Section of the
District, which I stated in my previous report as having
been commenced in the Summer of 1908 and a considerable

portion had been done before the end of that year, was completed in August last. Although the Council have felt the need of a scheme being completed for some years there have been many difficulties to be overcome. However, now everything has been brought to a successful issue and is working in a very satisfactory manner. The opening of the further portion completes some 7 to 8 miles of well laid sewers. This should be a great assistance to prevention of disease.

The scheme cost over £14,000.

The Outfall works are situated about a quarter of a mile outside the Council's district in the Warmley Rural Area close to the Warmley Tower pond. The main Outfall Sewer is 15 inches in diameter and the sewage on arrival is discharged into 2 screening chambers and after arresting all articles of a foreign nature it passed into 2 chambers fitted with pumps from which the sludge was discharged into a pit by the hydrostatic pressure produced by the sewage itself. It was passed from the pit by pumping and could be used on the land belonging to the Council adjoining the works. Beyond the chambers mentioned 2 open septic tanks were provided and these were fitted so as to induce to the fullest extent the subsidence of all solids held in suspension by the Sewage. When that part of the purification of the Sewage is done the process known as bacteriological treatment commences. For that purpose the effluent from the tanks is conducted to channels from which it is syphoned by means of distributors constructed by Messrs. Ham Baker & Co. of Westminster which perform the important function of spreading the effluent equally over the entire area of the filters.

There are two sewage filters each 210 feet long and 30 feet wide and 7 feet deep and each of them is equal to dealing with 150,000 gallons of sewage per day and they are propelled by the sewage effluent.

167 houses were connected with the Sewers.

10 notices were served to empty "Privy Vaults".

Refuse
Disposal.

No change has been made in the arrangements for the removal of house refuse.

Water.

The Water supplied to the District by the West Gloucestershire Water Co. continues good, sufficient, and constant at all times. There have been no complaints of any discoloration.

41 fresh connections have been made during the year.

One sample of water has been taken for examination during the year.

Housing and
Overcrowd-
ing.

44 New houses have been built under the careful supervision of the Surveyor and Sanitary Inspector.

2 houses were cleansed on Notice being given and 2 houses placed in habitable repair.

There were 2 cases of overcrowding which were abated.

Factories,
Bakehouses,
Dairies &
Slaughter-
houses.

All of these have been visited during the year and the Slaughterhouses have also been visited at the time of slaughtering. This is most essential as on frequent occasions a carcass has been found which appeared to be perfectly sound outside but had tubercule fluke or abscess in some of the internal organs. The fluke generally attacks the liver of sheep but tubercule is more universally dispersed throughout the body and in the glands. The

Inspector always notifies me when he has detected anything which he considers abnormal in the carcass.

Food.

On several occasions I went with the Inspector and examined various carcasses after they were slaughtered and whenever I found any symptoms of disease I ordered, where necessary, the carcass to be destroyed. I may state in all cases the owners complied with my request.

Mortality.

The total number of deaths from all causes in the district during the year was 150, or a corrected number including deaths in Public Institutions outside the district was 156; this estimating our population at 13,561 gives a death rate of 11.0 per 1000, or a corrected death rate of 11.5 per 1000 or an average of 12.4 per 1000 during the past 10 years. This again is a slight increase on last year which was 10.1 or a corrected death rate of 11.4. The deaths in Public Institutions outside the district were only about one third of the number in the previous year. The death rate in England and Wales for 1909 was 14.5 per 1000.

I should like to mention here the urgent necessity of procuring a Mortuary as soon as possible for this growing district, the need becomes more apparent each time we have a post-mortem to make in the district. This is the united wish of all Medical men practising in the district.

Infantile
Mortality.

There were 36 deaths of infants under one year compared with 34 in the previous year. The rate is 111.8 per 1000 births registered which though slightly

above last year is again considerably below the average for the last 10 years. 11 of the 36 died from premature birth, 9 of them in the first week.

7 Illegitimate children were born and 3 succumbed under 1 year.

In my last Report I went very fully into the causes of Infantile Mortality and the steps that I consider could be taken to considerably lessen this evil. We have not yet adopted the Notification of Births Act which I suggested in my last Annual Report. I trust the Council will comply with my wishes this year. I feel sure this will be a great help and will decrease infantile mortality in this district.

Births.

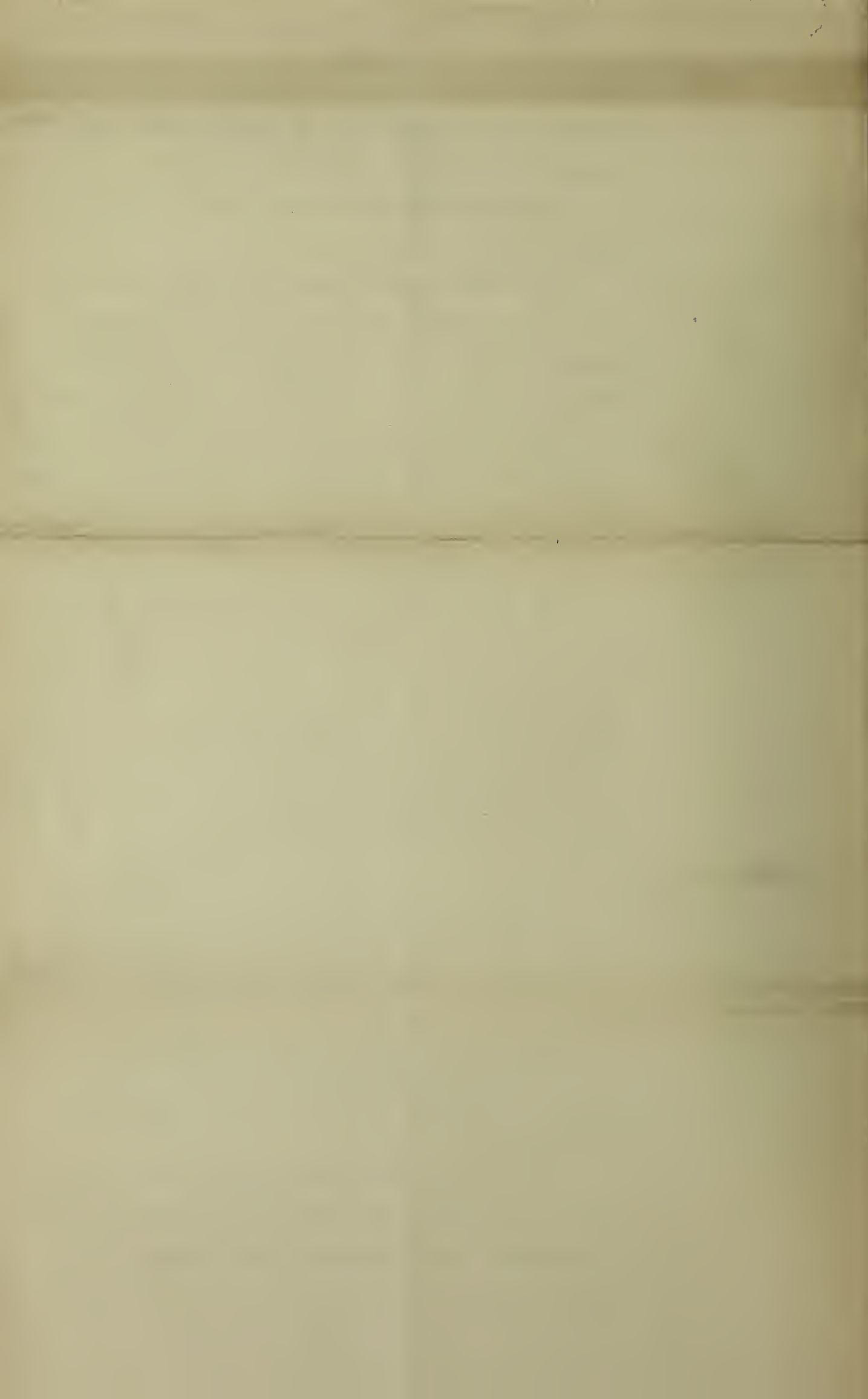
The total number of births registered during the year was 322 which gives a birth rate of 23.7 and an average for the past 10 years of 28.3. The rate is exactly the same as in the previous year. The birth rate for the year in England and Wales is 25.6 per 1000. As I mentioned in my last report the rate is very low especially in the last 3 years.

ZYMOTIC DISEASES requiring notification.

There were 24 of these cases reported during the year, 7 in the first half and 17 in the second.

The cases reported comprised Erysipelas 9, Scarlet Fever 4, Diphtheria 6, Enteric Fever 4, Puerperal Septicaemia 1.

There were 18 cases less reported than in the previous year and there were only two deaths, namely 1 Diphtheria and 1 Puerperal Septicaemia. The average number of cases reported during the previous 10 years



was 93.

Both the number of cases and the deaths were the smallest ever recorded for the district.

All these cases were nursed at home with the exception of 3 cases of Enteric Fever which were removed to Bristol Hospitals.

Scarlet Fever. There were the same number of cases reported as last year, namely 4, none of which ended fatally. Two occurred in May and 2 in December. All were under 15 years of age. The cases are again remarkably few in number and were very mild in character.

Small Pox. In February and March there were cases of this disease in the City of Bristol and in the surrounding districts. Though we had many contact cases to keep under supervision I am glad to say no case occurred in the district.

During this time the Hospital in Fisher Lane was kept in readiness for reception of patients should it be required. There is accommodation for 6 cases in the Hospital.

Cholera. There was again no case reported.

Diphtheria. There were only 6 cases reported as against 24 last year, 4 were under 15 years of age. One case ended fatally, a child of 5 years of age. This case was of a very virulent form and was no doubt imported from outside the district and although anti-toxin was used it was of no avail.

Enteric Fever. 4 cases were reported compared with 3 last year. Two were in one house. None of the cases ended fatally.

All these cases occurred in Hanham in close proximity to each other. One was nursed at home and 3 were removed to the Bristol Hospitals. I spared no pains to try and discover the cause of these cases and am convinced it arose from defective drainage which has since been rectified.

Erysipelas.

There were 9 cases, being 1 more than last year. There were no deaths from this disease.

The majority of these cases occurred during the latter half of the year which I attribute to the amount of moisture in the atmosphere which always has a tendency to increase the disease.

Typhus Fever.

No case reported.

Puerperal Fever
or Puerperal
Septicaemia.

One case reported. This ended fatally. The woman was sent into a Bristol Institution with Puerperal Eclampsia and she there developed Septicaemia, and against the wishes of the Authorities returned to her home to die.

ZYMOTIC DISEASES not requiring notification.

Measles.

During May sporadic cases of measles occurred and in July there were many cases among the children attending the Hanham Wesleyan Schools, of these several lived outside my district.

In September I visited the Hanham National Schools and found the attendance so bad and daily getting worse owing to the prevalence of Measles amongst the children that I advised the closure of the Schools for 3 weeks. The time of the year favored a mild type of this disease which was not as usually complicated

with chest symptoms.

Whooping Cough. Five deaths from this disease, all of them under 5 years of age. Most of the cases were in the Spring of the year.

Croup. No deaths.

Chicken Pox. No deaths.

Influenza. No deaths.

Diarrhoea and Dysentery. 9 deaths were reported, 6 of them being children under 1 year of age. There was only 1 case reported last year.

Rheumatic Fever. Caused one death.

Phthisis or Pulmonary Tuberculosis. 12 deaths were reported this year compared with 9 last year. This increase may be partially due to shortness of work and consequent insufficient means to procure necessary food in many cases. This is all that is required to set up active disease in constitutions where there is already a hereditary tendency to this disease.

I again repeat that I think it is absolutely necessary to have the voluntary notification of this disease adopted in this district, as I feel sure it will greatly help to decrease the number of cases.

Since the Public Health (Tuberculosis) Regulations 1908 came into force, hand-bills have been distributed and large bills printed for putting up in Factories, Workshops, and prominent places illustrating how the germs of consumption are spread and the safeguards that can be adopted in households

and elsewhere against the disease. Spitting cups, spittoons and other utensils have been provided where required to cases where they cannot afford to buy them and rooms and clothing disinfected.

Other Tubercular Diseases. There were 2 deaths recorded as compared with 4 last year.

Cancer. This disease caused 8 deaths all over 25 years of age. Last year there were 9.

Bronchitis. 16 deaths were reported, being 3 less than last year. 3 of the cases were children under 1 year of age and 9 old people over 65.

Pneumonia. Pneumonia was the cause of 12 deaths, four being children under 1 year of age. There were 13 deaths recorded last year.

Pleurisy. One death recorded, none last year.

Other diseases of the Respiratory Organs. No deaths recorded. There were 3 last year.

Cardiac Disease. There were 17 deaths from this disease compared with 22 last year. With one exception they were all over 25 years of age.

Accidents. One death recorded.

Suicide. Suicide caused 1 death.

Premature Birth. 11 deaths were recorded against 3 last year.

Diseases and Accidents of Parturition. Were the cause of 4 deaths. There were 2 last year.

Diabetes. Caused one death.

Apoplexy. There were 7 deaths from apoplexy. Last year there were 6. Six of the deceased were over 65 years of age.

Meningitis. Accounted for 5 deaths compared with 3 last year.

Renal disease. This disease caused 3 deaths, 2 less than last year.

I append the various Statistical Forms.

I beg to remain, Gentlemen,

Your obedient Servant,

C. J. PERROTT.

February 26th, 1910.

TABLE I.

VITAL STATISTICS of WHOLE DISTRICT DURING 1909 and PREVIOUS YEARS.
KINGSWOOD URBAN DISTRICT.

Year	Popula- tion estima- ted to Middle of each year.	Births.		Total Deaths Regis- tered in the Dis- trict.				Deaths of Res- idents regis- tered in Pub- lic In- stitu- tions beyond the Dis- trict.	Nett Deaths at all Ages belonging to the Dis- trict.	
		Num- ber	Rate [*]	Under 1 Year of Age.		At all Ages.			Num- ber.	* Rate.
				Num- ber	Rate per 1,000 Births regis- tered.	Num- ber	Rate			
1899	11,600	378	32.5	56	148.1	168	14.4			
1900	11,800	388	32.8	50	128.8	181	15.3			
1901	11,961	367	30.6	52	141.7	154	12.8			
1902	12,161	326	26.8	46	141.1	176	14.4			
1903	12,361	384	31.0	34	88.5	166	13.4			
1904	12,561	321	25.5	29	90.3	129	10.2			
1905	12,761	379	29.6	43	113.4	171	13.4			
1906	12,961	356	27.4	34	95.2	138	10.6	5	143	11.0
1907	13,161	325	24.6	40	123.0	133	10.0	9	142	10.7
1908	13,361	317	23.7	34	107.2	136	10.1	17	153	11.4
Averages for years 1899-1908	12,468	354	28.3	41	115.3	155	12.4			
1909	13,561	322	23.7	36	111.8	150	11.0	6	156	11.5

*Rates calculated per 1000 of estimated population.

Area of District
in acres (exclu-
sive of area
covered by water) 1,555

Total population at all ages	11.961	) At Census of 1901.
Number of inhabited houses	2.652	
Average number of persons per house	4.5	

TABLE II.

VITAL STATISTICS of separate LOCALITIES in
1907 and previous years.

KINGSWOOD URBAN DISTRICT.

Year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under one year.
1899	11,600	378	168	56
1900	11,800	388	181	50
1901	11,961	367	154	52
1902	12,161	326	176	46
1903	12,361	384	166	34
1904	12,561	321	129	29
1905	12,761	379	171	43
1906	12,961	356	143	34
1907	13,161	325	142	40
1908	13,361	317	153	34
1909	13,561	322	156	36

TABLE III.

CASES of INFECTIOUS DISEASE notified during the YEAR 1909.

KINGSWOOD URBAN DISTRICT.

Notifiable Disease.	Cases notified in Whole District.					
	At all ages.	At Ages - Years.				
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65.
Diphtheria (includ- ing Membranous Croup)	6			4		2
Erysipelas	9		1	2	3	3
Scarlet Fever	4	1	1	2		
Enteric Fever	4				3	1
Puerperal Fever	1				1	
Totals	24	1	2	8	7	6

Isolation Hospital - Name & Situation Small Pox Hospital in Fisher Lane.

Total available beds 6.

TABLE IV.

CAUSES OF, and AGES AT, DEATH DURING YEAR 1909.

KINGSWOOD URBAN DISTRICT.

Causes of Death.	Deaths at the subjoined ages of "Residents" whether occurring in or beyond the District.						
	At all ages.	Under 1 year.	1 & under 5	5 & under 15	15 & under 25	25 & under 65	65 & up- wards.
Measles	1		1				
Whooping-Cough	5	1	4				
Diphtheria (including) Membranous Croup)	1			1			
Diarrhoea	7	4	2				1
Enteritis	2	2					
Puerperal Fever	1				1		
Phthisis, (Pulmonary) Tuberculosis)	12			1	7	4	
Other tuberculous diseases	2		1	1			
Cancer, malignant disease	8					5	3
Bronchitis	16	3				4	9
Pneumonia	12	4	3	1		3	1
Pleurisy	1					1	
Premature Birth	11	11					
Diseases and accidents of parturition	4	2				2	
Heart diseases	17	1				8	8
Accidents	1					1	
Suicides	1					1	
Diabetes	1					1	
Meningitis	5	1	1	1	2		
Renal diseases	3			1		2	
Apoplexy	7				1	6	
Rheumatic Fever	1			1			
All other causes	37	7	7	2	1	5	15
ALL CAUSES	156	36	19	9	11	38	43

TABLE V.

KINGSWOOD URBAN DISTRICT.

INFANTILE MORTALITY DURING THE YEAR 1909.

Deaths from stated Causes in Weeks and Months under one Year of Age.

Causes of death.	Under 1 week	2-3 wks.	3-4 wks.	Total under 1 month.	1-2 Mos.	2-3 Mos.	4-5 Mos.	6-7 Mos.	7-8 Mos.	8-9 Mos.	9-10 Mos.	Total Deaths under one year.
ALL CAUSES	12	3	2	17	8	4	1	2	2	1	1	36
Common Infectious Diseases:						1						
Whooping Cough												1
Diarrhoeal Diseases:		1	1	2					1			2
Diarrhoea, all form												2
Enteritis, Muco-enteritis,)												2
Gastro-enteritis)												2
Gastritis, Gastro-intestinal)							1					2
Catarrh					1							
Wasting Diseases:												
Premature Birth	9		1	10	1							11
Congenital Defects	1			1								1
Injury at Birth	2			2								2
Atrophy, Debility, Marasmus		1		1	3	1						5
Other Causes:												
Meningitis				1	1	1						1
Convulsions		1		1								2
Bronchitis					1	1			1			3
Pneumonia					1			2		1		4
	12	3	2	17	8	4	1	2	2	1	1	36

District of Kingswood Urban. Population (Estimated to middle of 1909) 13,561.

Births in the year (Legitimate 315. Deaths in the year of (Legitimate infants 33
(Illegitimate 7. (Illegitimate infants 3.

Deaths from all Causes at all Ages 156.

FORM which MEDICAL OFFICERS of HEALTH in the COUNTY OF
GLOUCESTER are requested by the SANITARY COMMITTEE of the
COUNTY COUNCIL to fill up for attachment to ANNUAL REPORTS.

TABLE C.

KINGSWOOD DISTRICT,
BRISTOL.
February, 1910.

Medical Officer of Health : Dr. C. J. PERROTT.

Sanitary Inspector : A. H. BRAIN, C.R.S.I.

1. HOUSING.

(a) Number of Plans for new Houses approved	60.
(b) Number of Houses built	44
(c) Number of Water Certificates under Sec. 6 Public Health (Water) Act, 1878	2
(d) Number of Houses cleansed on notice	Nil.
(e) Number of Houses closed under Sec. 32, Housing of Working Classes Act, 1890	Nil.
(f) Number of Houses placed in habitable repair	2
(g) Number of Houses demolished	Nil.
(h) Number of cases of overcrowding abated	2.

2. SEWERAGE AND DRAINAGE.

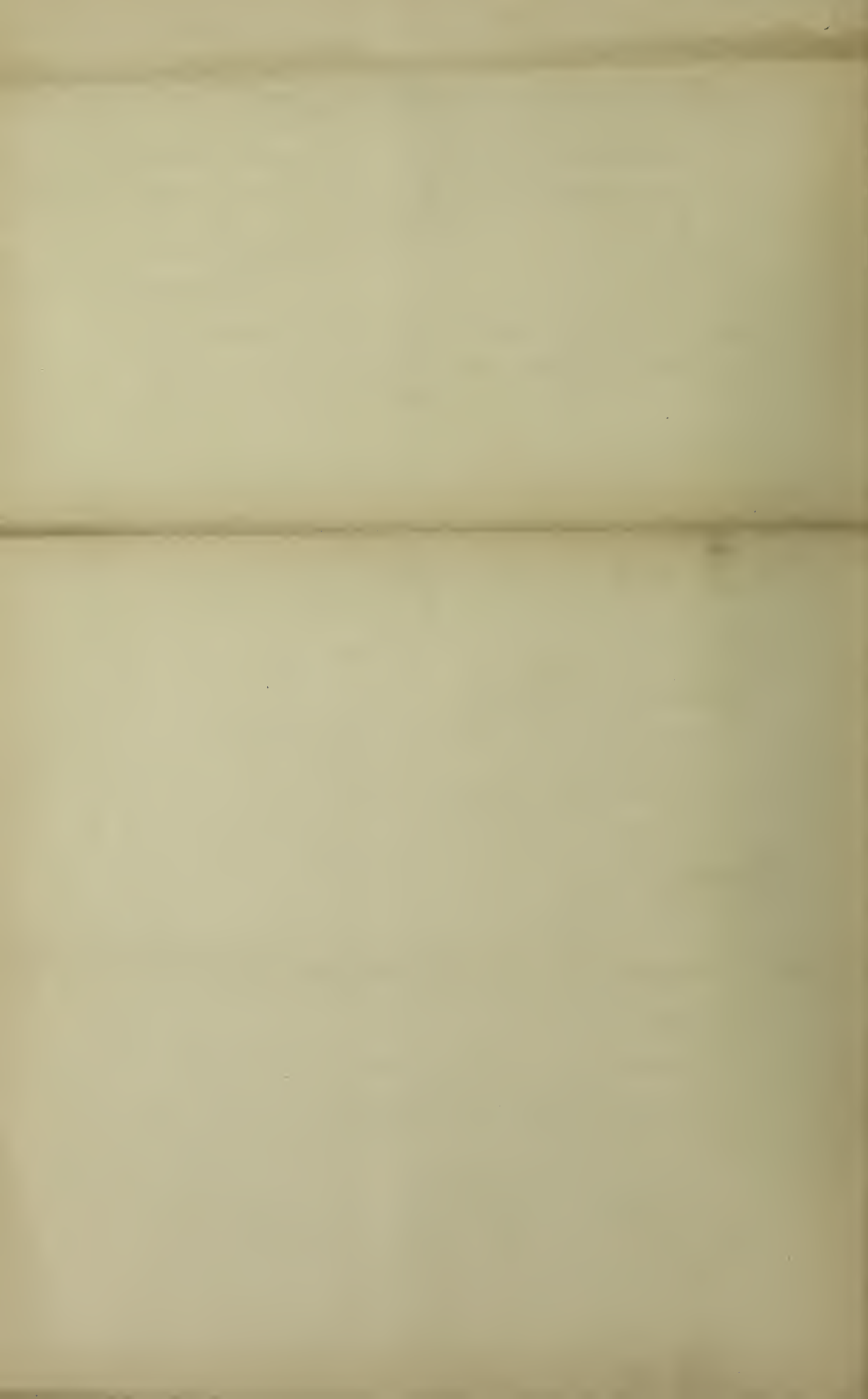
(a) Has any application for a Loan been made?	No.
(b) Number of Houses newly connected with sewers	167
(c) Number of W.C's. newly supplied with flushing cisterns	32
(d) Number of Earth Closets, Pail Closets or Improved Privies constructed	Nil.
(e) Number of notices served to empty "Privy Vaults"	10

3. REFUSE DISPOSAL.

Has any change been made in the arrangements for the removal or disposal of house refuse?	No.
--	-----

4. WATER SUPPLY.

(a) Has there been any change in the existing sources of supply?	No.
(b) Has any application for a Loan been made?	No.
(c) Number of new connections with public supply?	41
(d) Number of wells sunk, or improved sources of supply provided	None
(e) Number of wells closed	None.
(f) Number of samples taken for examination	1



5. NUMBERS INSPECTED OF EACH OF THE FOLLOWING:

Common Lodging Houses	None.
Slaughter Houses	37
Bakehouses	24
Dairies, Cowsheds, Milkshops	25
Workshops	}
Residences of out-workers	
	783

6. FOOD INSPECTION.

- | | |
|---|------|
| (a) Are the Slaughterhouses visited at the times of slaughtering | Yes. |
| (b) Does the Sanitary Inspector hold a special certificate for meat inspection? | Yes. |
| (c) Are Regulations with respect to Dairies, Cowsheds and Milkshops in force? | Yes. |
| (d) Have arrangements been made for the examination of dairy cows by Veterinary Surgeons? | No. |

7. ELEMENTARY SCHOOLS.

- | | |
|--|----|
| (a) Number in District | 4. |
| (b) Names of Schools closed : Hanham Road School.
Reason for closure - Measles. Closed from
2nd October to 23rd October. | |

8. INFECTIOUS DISEASES.

- | | |
|---|----|
| (a) Number of cases visited and reported on | 24 |
| (b) Number of houses disinfected | 38 |

9. ISOLATION HOSPITAL ACCOMMODATION.

- | | |
|---|-------|
| Has any change in the existing conditions been made | None. |
|---|-------|

10. GENERAL.

- | | |
|--|-------|
| (a) Number of complaints received | 27 |
| (b) Total number of nuisances reported | 24 |
| (c) Number of swine nuisances reported | 3 |
| (d) Total number of nuisances abated | 24 |
| (e) Total number of notices served | 34 |
| (f) Total number of statutory notices served | 9 |
| (g) Total number of summonses taken out | None. |
| (h) Total number of convictions | None. |

11. BYE-LAWS.

- | | |
|---|--|
| Have any changes in, or additions to, the Bye-Laws been made? | No, but application has been made to the Local Government Board for power to adopt Public Health Act 1907. |
|---|--|

12. CHIEF SANITARY REQUIREMENTS OF THE DISTRICT.

Steam Disinfector, and Mortuary.

SUMMARY of VITAL STATISTICS.

POPULATION of DISTRICT ESTIMATED to MIDDLE of 1909, 13,561.

	No.	Rate per 1,000.		No.	Rate per 1,000.
Births	322	23.7	Measles	1	.07
Deaths	156	11.5	Whooping Cough	5	.36
Do. under 1	36	(b)111.8	Diarrhoea (e)	7	.51
Smallpox	Nil		Zymotic (a)	14	1.03
Scarlet Fever	Nil		Phthisis	12	.88
Diphtheria (in cluding Membran- ous Croup)	1	.07	Cancer, Malignant Disease	8	.58
			Enteritis (f)	2	.14
Fever (d)	Nil.		Respiratory Diseases (c)	29	2.13

(a) Includes Small-pox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of the births registered during the same period.

(c) Includes Bronchitis, Pneumonia, Pleurisy.

(d) Includes Typhus, Enteric Fever, and indefinite forms of continued Fevers.

(e) Includes Epidemic enteritis; Zymotic enteritis; Epidemic diarrhoea, Summer diarrhoea; Dysentery and dysenteric diarrhoea; Choleric diarrhoea, Cholera nostras (in the absence of Asiatic cholera).

(f) Includes Gastro-enteritis, Muco-enteritis, and Gastric catarrh.

ANNUAL REPORT of the MEDICAL OFFICER of HEALTH for the YEAR
1909 for the URBAN DISTRICT of KINGSWOOD, on the administra-
tion of the Factory and Workshop Act, 1901, in connection
with FACTORIES, WORKSHOPS, WORKPLACES AND HOMEWORK.

1. INSPECTION of FACTORIES, WORKSHOPS AND WORKPLACES.
Including Inspections made by Sanitary Inspectors or
Inspectors of Nuisances.

Premises.	Number of		
	Inspections	Written Notices.	Prosecutions
FACTORIES (Including Factory Laundries)	47	14	) Nil.
WORKSHOPS (Including Workshop Laundries)	437	7	
TOTAL	484	21	

2. DEFECTS FOUND in FACTORIES, WORKSHOPS AND WORKPLACES.

Particulars.	Number of Defects.			Number of Prosecutions
	Found	Remedied	Referred to H.M. Inspector	
Want of cleanliness	23	23	} Nil	} Nil.
Want of ventilation	8	8		
Other nuisances	19	19		
(insuffic- ient	1	1		
(unsuitable or defec- tive	14	14		
(not separ- ate for sexes	3	3		
Sanitary accommodation				
TOTAL	68	68		

3. HOME WORK.

Making Wearing Apparel:

Lists received from Employers	49
Outworkers: Contractors	3
Workmen	647
Addresses of Outworkers received from other Councils	51
Addresses of Outworkers forwarded to other Councils	39
Notices served on Occupiers as to keeping or sending lists	18
Inspections of Outworkers' premises	783
Outwork in unwholesome premises Section 108:	
Notices served	7
Outwork in Infected Premises, Sections 109,110:	
Instances	1
Orders made (S.110)	1

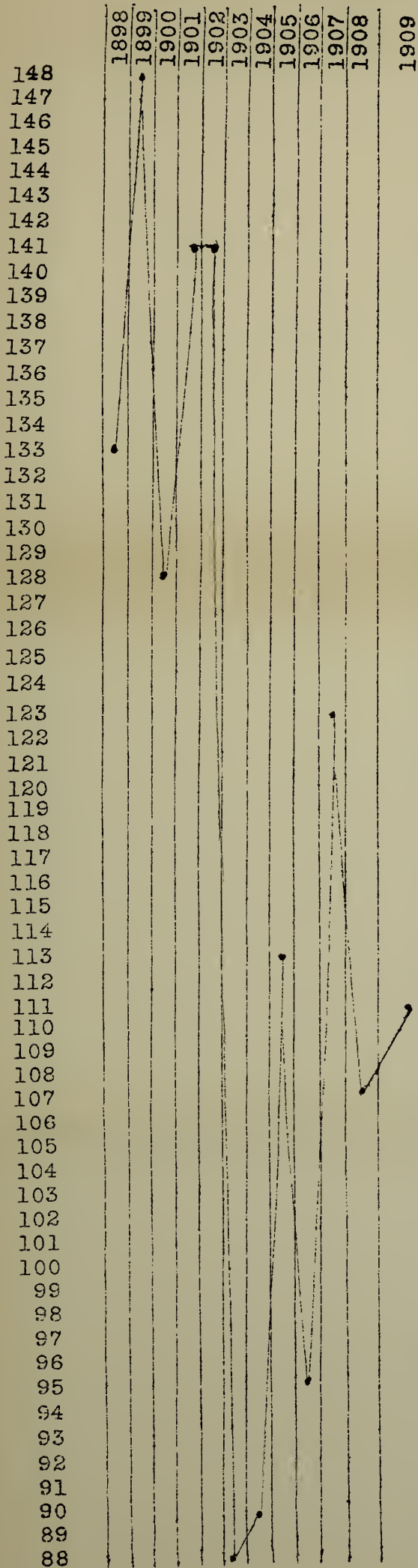
4. REGISTERED WORKSHOPS.

Workshops on the Register at the end of the year	Number. 437
---	----------------

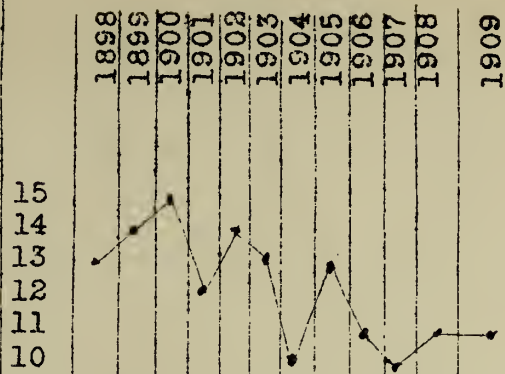
5. OTHER MATTERS.

	Number.
Action taken in matters (Notified by H.M. referred by H.M.Inspector (Inspector	5
as remediable under Public (	
Health Acts, but not under (Reports (of action	
the Factory and Workshop (taken) sent to	
Act (s. 5) (H.M. Inspector	2

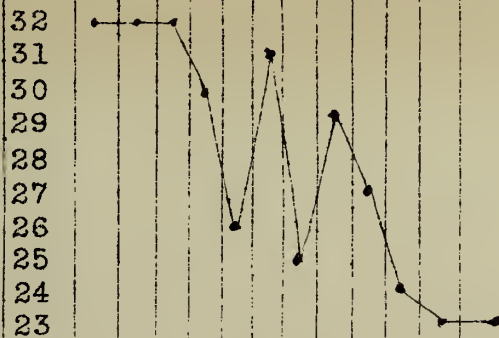
INFANTILE MORTALITY.



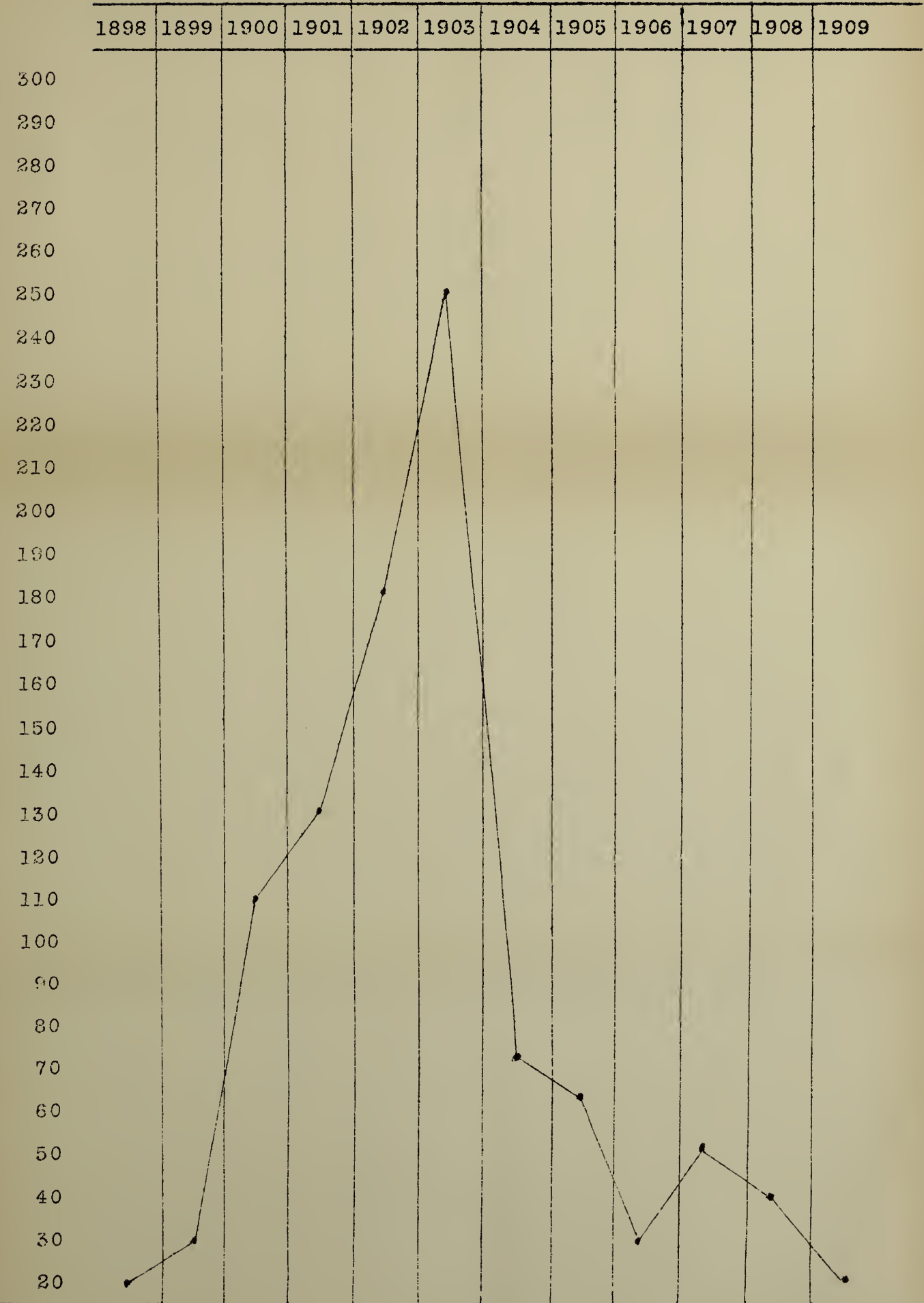
DEATHS.



BIRTHS.



INFECTIOUS NOTIFIED DISEASES.



I am indebted to Mr. S. F. ANDREWS for the following
REPORT of the RAINFALL for the year 1909.

RAINFALL in 1909 of WEST GLOUCESTERSHIRE WATER CO'S.

PUMPING STATION, KINGSWOOD, GLOUCESTERSHIRE.

RAIN GAUGE.

Diameter of Funnel 5 inches, Height of top above ground 10 ins.

Above Sea level 373 feet.

Month.	Total depth	Greatest fall in 24 hours.		No. of days on which .01 or more fell.
	Inches	Inches	Date.	
January	1.38	.43	16th	14
February	.60	.25	9th	4
March	3.16	.62	24th	20
April	3.30	.94	23rd	15
May	1.62	1.10	26th	6
June	4.10	.67	20th	21
July	3.26	.75	27th	16
August	2.09	.65	17th	8
September	3.14	.93	28th	13
October	5.56	1.10	15th	26
November	1.09	.41	29th	7
December	4.91	1.17	2nd	21
Total	34.21			

Average for previous 22 years 32.46.

Gentlemen,

I beg to submit to you my report for the year ending December 1909, and in so doing I shall not attempt to detail any of the work of my department for that period, as Dr. Perrott, the Medical Officer of Health, has so ably and fully reported upon almost every branch of the work, to which I am proud of having the honour of being connected.

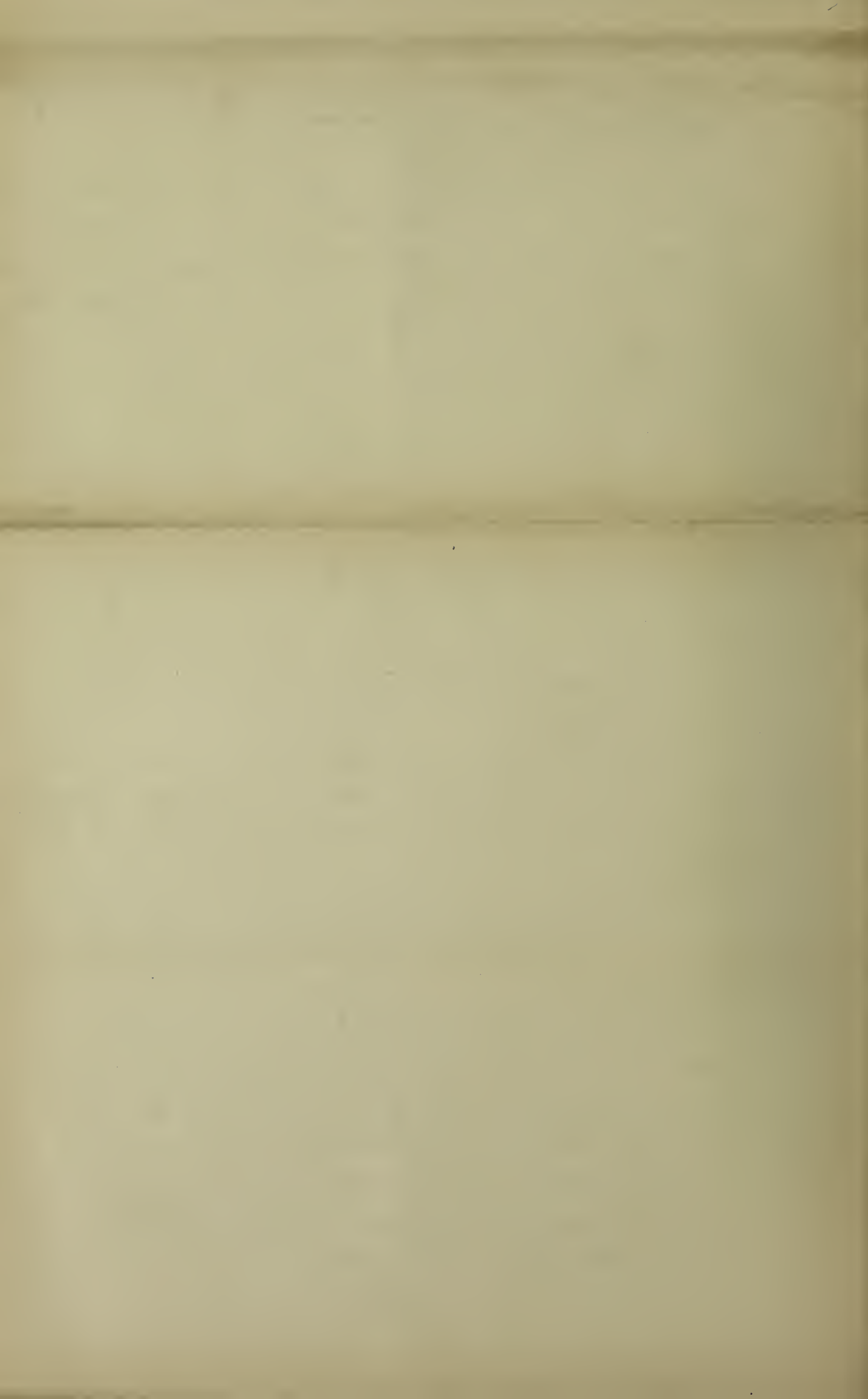
It is most satisfactory to note a great falling off in the number of Infectious cases notified during the past year and it seems the more gratifying when one remembers that during March and April of 1909 Small-Pox occurred in 3 of the adjoining districts and although we had many contact cases within this area under supervision, yet not one developed.

The district as a whole has established a record for its minimum amount of sickness brought about by infectious disease and I think compare very favourably with any other district in or around Bristol.

A great improvement may be made in some of the outworkers premises and workshops and much of the existing inconvenience be remedied by the Manufacturers insisting upon all work being made up within the factories, where better sanitary arrangements, ventilation and more direct supervision might be obtained, if only the Manufacturers would provide the necessary workshop accommodation.

Special supervision has been kept upon all Slaughter houses during the past year, with the result that any defective drainage or Buildings coming under my notice has been remedied, and unsound carcasses (or parts) of meat at once brought to the notice of the Medical Officer of Health.

I would gladly welcome the establishing of a public



abbatoir within this district and hope before long to realise the existence of a Food Bill or amended Public Health Act whereby it becomes compulsory for all butchers to kill within a public slaughterhouse, thereby doing away with the slaughtering of animals upon private property and the many drawbacks and evils connected therewith.

Many persons have availed themselves of the opportunity of connecting the drainage of their property with the new Sewerage System which I am pleased to report is working very satisfactorily and producing a splendid effluent.

The Dairies and Milkshops within this district are in a fairly satisfactory state although much supervision is necessary to keep some of the more negligent owners up to a sanitary status, with a view to obtain for the people a thoroughly clean and wholesome supply of good milk; this is almost the largest and most easily contaminated food for the children; it is easily conceivable how soon a polluted milk supply might render a whole district ablaze with infection, but I am glad to report that any suggested improvements made by me to the respective Cow-keepers, have in most cases been readily complied with.

Spittoons and Cups have been loaned to the persons applying for them, for the use of poor persons suffering from Consumption, and the homes of Consumptives have been visited periodically during illness and disinfected when death has occurred, and I would be glad to know that Phthisis had become a compulsory notifiable disease, so that supervision may be kept over those persons so suffering at an early stage.

I can only say in closing that I trust the good health of the district may be maintained throughout the coming year, and the improvements, where necessary, may be carried out, as



I am of a firm opinion that all must now begin to realise that a combination of producer with Consumer must be effected before that utopian state of Health for which we all more or less aim, can be realized, and to attain which all must bear in mind the old proverb "Prevention is better than cure".

I am, Gentlemen,

Yours obediently,

ALBERT H. BRAIN.



STATEMENT of WORK done in 1909.

Infectious Diseases.	1.	Number of notified cases inquired into	24
	2.	Number of houses disinfected	38
Houses	3.	Number reported unfit for occupation	10
	4.	" Limewashed and cleansed	9
	5.	" Cases of overcrowding abated	2
	6.	" Certificates granted for New houses	44
	7.	" Placed in habitable repair	2
Drains.	8.	Number connected to Sewer	107
	9.	" tested	183
	10.	" of insanitary lavatories etc. rectified	8
	11.	" of Water Closets additionally provided	7
Portable Privies	12.	Number of new provided	32
	13.	" converted to water closets	44
	14.	" converted to pan closets	12
Smoke nuisance.	15.	Number of observations taken	2
Water Supply	16.	Number of wells cleansed and repaired	1
	17.	" of wells closed	3
	18.	" of samples of water taken	None.
Workshops.	19.	Number inspected	3
	20.	" of contraventions remedied	437
	21.	" of out-workers premises inspected other than included above	68
Dairies & Cowsheds.	22.	Number of inspections	346
	23.	" of contraventions remedied	108.
	24.	" of registered Dairies and Cowsheds	13
Slaughter Houses	25.	Number of Registered houses	25
	26.	" of inspections made	22
	27.	" of carcasses seized and parts of carcasses surrendered as unfit for human food	86
Complaints.	28.	Number received and attended to	22
Notices Served	29.	Number of informal (21)	
	30.	" of statutory notices (8) Total	29
Clerical Work	31.	Number of notices, letters and reports sent	1641

A. H. BRAIN, A.R.S.I.

Inspector.



